DOCUMENT RESUME

ED 112 926 IR 002 637

AUTHOR Drake, Miriam A.
TITLE Geosciences Library Survey.
INSTITUTION Purdue Univ., Lafayette, Ind. Libraries.
REPORT NO RDU-75-04
PUB DATE Jun 75
NOTE 45p.; Best copy available
AVAILABLE FROM Research and Development Unit, Purdue University Libraries, West Lafayette, Indiana 47907

EDRS PRICE MF-$0.76 HC-$1.95 Plus Postage
DESCRIPTORS Audiovisual Centers; *Library Services; Library Surveys; *University Libraries; *Use Studies
IDENTIFIERS Geoscience Library; *Purdue University

ABSTRACT

During the spring semester of 1975, a survey was taken of the faculty and graduate student users of the Geoscience Department Library at Purdue. This document supplies details concerning the data collection; it also summarizes conclusions and recommendations about the adequacy of services and the need for alterations and improvements. (EMH)

****
* Documents acquired by ERIC include many informal unpublished *
* materials not available from other sources. ERIC makes every effort *
* to obtain the best copy available. Nevertheless, items of marginal *
* reproducibility are often encountered and this affects the quality *
* of the microfiche and hardcopy reproductions ERIC makes available *
* via the ERIC Document Reproduction Service (EDRS). EDRS is not *
* responsible for the quality of the original document. Reproductions *
* supplied by EDRS are the best that can be made from the original. *
****

BEST COPY AVAILABLE

ED112926

Technical Report Series

RESEARCH DEVELOPMENT UNIT

IR 002 627

LIBRARIES AND AUDIO-VISUAL CENTER
PURDUE UNIVERSITY

WEST LAFAYETTE, INDIANA

ED112926

GEOSCIENCES LIBRARY SURVEY

by

Miriam A. Drake

RDU-75-04

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

Research Development Unit
Purdue University Libraries
And Audio-Visual Center
West Lafayette, Indiana

June 1975

TABLE OF CONTENTS

LIST OF TABLES ii

INTRODUCTION iii

SUMMARY iv

Conclusions iv
Recommendations iv

SURVEY RESULTS 1

Survey Response 1
Library Service Preferences 1
Current Library Usage 7
Current Library Services 9
Interest in Geosciences Library Orientation 27

QUESTIONNAIRE COMMENTS--FACULTY 29

QUESTIONNAIRE COMMENTS--GRADUATE STUDENTS 31

QUESTIONNAIRE 33

LIST OF TABLES

TABLE		PAGE
1	Geosciences Library Survey Respondents	3
2	Service Preference Rankings	4
3	Service Preferences--Summary of Responses	5
4	Library Usage Second Semester--Faculty	8
5	Library Usage Second Semester--Graduate Students	8
6	Current Library Service--Faculty	10
7	Current Library Service--Graduate Students	11
8	Library Usage by Geosciences Faculty and Students	13
9	Usage of Geosciences Library by Purdue Students and Faculty	14
10.1-10.8	Journals Read by Geosciences Faculty and Students--Purdue Location	15
11.1-11.3	Journals Read by Geosciences Faculty and Students	23

INTRODUCTION

During the spring semester 1975 the Geosciences Department Library Committee and the Research Development Unit, Libraries and Audio-Visual Center, met several times to discuss Geosciences Library service needs. A survey questionnaire was designed to elicit opinions from Geosciences faculty and graduate students regarding library services. The objectives of the survey were to: 1) determine library service preferences; 2) determine opinions about current library services; 3) measure usage of Geosciences and other Purdue libraries; and 4) determine interest in Geosciences Library orientation.

A survey questionnaire was mailed to Geosciences faculty and graduate students on May 5, 1975, with a cover memo from C. R. Church, Library Committee Chairman. The responses were tabulated by the Research Development Unit. Following is a brief summary of conclusions and recommendations. A more detailed discussion of findings and tabulations of responses are in the text. Additional data were collected from the Libraries and Audio-Visual Center circulation study, statistics reports, and other documents.

The Research Development Unit wishes to acknowledge the assistance of Professors Church, Frederking, and Melhorn of the Geosciences Department; Professor Funkhouser, Science Librarian; and Ms. Deborah Krivonos, Research Development Unit.

SUMMARY

Conclusions

1. There is a perceived need for a new Geosciences Library facility.
2. Crowding of materials on shelves is a problem in the present facility.
3. There is a need for the provision of on-line bibliographic data (GEO-REF).
4. Geosciences faculty and graduate students generally are satisfied with most current library services
5. The Geosciences Library is satisfying a high proportion of faculty demand for materials (87%).
6. Circulation of materials from the Geosciences Library to Geosciences undergraduates is a small percentage of total Geosciences Library circulation (10%).
7. Geosciences faculty and students perceive the need for more journal titles in the Geosciences Library.

Recommendations

1. Alternatives to building a new Geosciences Library facility should be explored.
2. The monograph collection housed in the Geosciences Library should be examined for the purpose of removing unused or little used materials to clear shelf space. Materials which are removed from the library could be stored in the warehouse; however, it would be preferable to store them in a secure area in the Geosciences Annex.

3. The Geosciences Library Committee and the Science Librarian should investigate the need for more geosciences journal titles by conducting a follow-up survey of journal needs. (See detailed recommendation on page 26.)

4. GEO-REF should be made available to Geosciences faculty and graduate students as soon as possible. (The Indiana Cooperative Library Services Authority is investigating the feasibility of providing a broad range of on-line bibliographic data bases to Indiana libraries.)

5. Professional staffing in the Geosciences Library should be continued at the current level; however, the librarian's time should be scheduled and posted.

6. The clerical staff in the Geosciences Library should be increased by .5 FTE level II clerk who would be assigned the routine work of the library. The addition of a half-time clerk would allow the present clerk, who is well trained and experienced, to provide more direct user service in reference, materials location, and matters related to acquisitions.

7. A library orientation session discussing services provided by Purdue Libraries and Audio-Visual Center should be given at the beginning of the fall semester. This session could be integrated into the Geosciences orientation program for faculty and graduate students.

SURVEY RESULTS

Survey Response

Questionnaires were distributed to 36 faculty members and 68 graduate students. (The questionnaire is at the end of this report.) Responses were receive from 20 faculty (55.5%) and 22 graduate students (32.3%). Overall response was 40.4%. Data about respondents are presented in Table 1. Atmospheric Sciences and Geochemistry were most heavily represented in the sample with 19% of the total sample for each. Least represented was Earth Resources with 2 respondents. The sample size was not sufficient to evaluate and compare specific fields within Geosciences.

Library Service Preferences

Faculty and students were asked to rank fifteen library services in order of importance to them. The most important service was ranked 1, less important services were assigned higher numbers. In order to provide a framework and means of comparison, cost units were assigned to each service preference on the questionnaire. For example, a messenger service would cost 1 unit while a new Geosciences Library facility would cost 250 units. Cost units reflect only the cost of providing the service and bear no relationship to the value of the service to the user.

Tables 2 and 3 present summaries of response on service preferences. The data in Table 2 rank service preferences according to the mean value of responses. The Geosciences faculty's first five preferences based on mean score and in order of importance are below.

Faculty Rankings of Service Preferences

	Service	Rank	Mean	No. ranking as most important	% ranking as most important
l.	Expand Geosciences library into new facility	1	3.33	10	50.0
d.	Professional librarian to provide reference service	2	4.47	4	20.0
n.	Increase annual journal titles 20%	3	5.47	2	10.0
a.	Geoscience library open longer hours	4	5.53	5	25.0
e.	Provision of GEO-REF	5	6.15	1	5.0

Students first five preferences are:

Student Rankings of Service Preferences

	Service	Rank	Mean	No. ranking as most important	% ranking as most important
i.	Provision of GEO-REF	1	3.05	7	31.8
c.	Core collection in Geosciences library	2	3.61	4	18.2
l.	Expand Geosciences library into new facility	3	4.84	7	31.8
n.	Increase annual journal titles 20%	4	4.94	4	18.2
k.	Increase monograph acquisitions 200%	5	5.07	2	9.1

The mean rankings shown above do not provide conclusive evidence of strong preference for any one service. Stronger preferences are indicated by means closest to 1. The lowest mean ranking of 3.05 was the student preference for GEO-REF. When student and faculty responses are combined, provision of a new Geosciences Library facility has the lowest mean value,

Table 1

Geosciences Library Survey
Respondents

	Number of Respondents		
	Faculty	Students	Total
General Geology	1	3	4
Engineering Geology	1	3	4
Geochemistry	4	4	8
Geophysics	3	3	6
Paleontology	0	0	0
Earth Resources	0	2	2
Earth Science Teaching	1	0	1
Atmospheric Science	5	3	8
Marine Science	2	1	3
Geomorphology	2	1	3
Other	1	2	3
Total Responses	20	22	42
Population	36	68	104
Response % of Population	55.5	32.3	40.4

Table 2

Geosciences Library Survey
Service Preference Rankings*

Service	Faculty Rank	Faculty Mean	Students Rank	Students Mean	Total Rank	Total Mean
a. Geoscience library open 14 hours per day Monday through Friday and 8 hours Saturday and Sunday during academic year	4	5.53	8	6.69	6	6.06
b. Messenger to fetch materials from other libraries during academic year (.25 FTE clerk)	8	6.85	10	7.00	10	6.91
c. Maintain a core collection of heavily used materials in Geoscience library with delivery of materials from warehouse within 24 hours	7	6.72	2	3.61	4	5.17
d. Professional librarian to provide reference service	2	4.47	7	5.82	3	5.11
e. Professional librarian to do literature searching	6	6.47	11	7.57	11	6.97
f. Professional librarian to do book selection	12	8.17	13	8.27	12	8.21
g. Professional librarian to teach Geosciences literature course 1 hour per week	14	9.18	14	10.33	14	9.62
h. Professional librarian to work on research projects	15	9.75	12	8.15	13	9.03
i. Provision of GEO-REF--an on-line bibliographic search service covering 3,000 journals, symposia, conference proceedings and major monographs	5	6.15	1	3.05	2	4.52
j. Increase annual monograph acquisitions 100%	9	7.00	6	5.63	8	6.33
k. Increase annual monograph acquisitions 200%	11	7.38	5	5.07	7	6.26
l. Expand Geoscience library into new facility	1	3.33	3	4.84	1	4.11
m. Increase annual journal titles 10%	10	7.00	9	6.77	9	6.89
n. Increase annual journal titles 20%	3	5.47	4	4.94	5	5.22
o. Coin operated copy machine in Geoscience library	13	9.06	15	10.36	15	9.65

*Based on mean score of responses. Services which were not ranked were not included as responses.

Table 3

Geosciences Library Survey
Service Preferences--Summary of Responses

Service	Number Ranking Question 0-5																	
	Faculty						Students						Total					
	0	1	2	3	4	5	0	1	2	3	4	5	0	1	2	3	4	5
a. Geoscience library open 14 hours per day Monday through Friday and 8 hours Saturday and Sunday during academic year	1	5	4	1	1	1	6	2	3	1	0	0	7	7	7	2	1	1
b. Messenger to fetch materials from other libraries during academic year (.25 FTE clerk)	0	0	1	2	3	2	7	1	2	1	1	2	7	1	3	3	4	4
c. Maintain a core collection of heavily used materials in Geoscience library with delivery of materials from warehouse within 24 hours	2	1	1	3	2	0	4	4	4	3	1	2	6	5	5	6	3	2
d. Professional librarian to provide reference service	1	4	3	1	2	3	5	2	1	1	2	5	6	6	4	2	4	8
e. Professional librarian to do literature searching	3	1	2	2	0	3	8	0	1	0	1	2	11	1	3	2	1	5
f. Professional librarian to do book selection	2	0	1	1	1	1	7	0	2	0	0	1	9	0	3	1	1	2
g. Professional librarian to teach Geosciences literature course 1 hour per week	3	1	1	2	2	0	10	0	0	1	1	0	13	1	1	3	3	0
h. Professional librarian to work on research projects	4	0	1	0	1	1	9	0	0	2	0	0	13	0	1	2	1	1
i. Provision of GEO-REF--an on-line bibliographic search service covering 3,000 journals, symposia, conference proceedings and major monographs	0	1	2	2	1	5	0	7	3	3	4	1	0	8	5	5	5	6
j. Increase annual monograph acquisitions 100%	3	1	0	1	3	1	6	0	2	3	1	2	9	1	2	4	4	3
k. Increase annual monograph acquisitions 200%	4	2	1	0	1	4	7	2	3	0	3	3	11	4	4	0	4	7
l. Expand Geoscience library into new facility	2	10	1	2	1	0	3	7	2	0	2	0	5	17	3	2	3	0
m. Increase annual journal titles 10%	6	0	1	1	1	1	9	0	1	0	3	1	15	0	2	1	4	2
n. Increase annual journal titles 20%	1	2	4	1	2	2	4	4	1	4	1	0	5	6	5	5	3	2
o. Coin operated copy machine in Geoscience library	3	1	0	2	0	0	8	1	1	0	0	1	11	2	1	2	0	1

4.11. The next lowest value is for the provision of GEO-REF at 4.52. Provision of a new library was designated most important (i.e., ranked 1) by 17 respondents or 40%. Provision of GEO-REF was ranked most important by 8 respondents (19%) and longer opening hours was considered most important by 7 respondents (17%). Prior to the distribution of the questionnaire, Geosciences Library Committee members indicated that longer opening hours in the Geosciences Library might be of benefit to Geosciences undergraduates. The circulation survey conducted by the Libraries and Audio-Visual Center during spring semester 1975 showed that Geosciences undergraduates borrowed 332 items from Purdue Libraries. The Geosciences Library provided 139 items or 42%. The survey did not include circulation of reserve materials which are used heavily by undergraduates in all fields.

Reference service by a professional librarian was ranked third by the combined sample; however, other services usually provided by professional librarians, such as book selection, were ranked as less important. The preference score for professional services indicates that the current level of professional staff in the Geosciences Library is adequate to handle needed reference services. Since it is not feasible to provide these services on demand, it is recommended that the professional librarian schedule time in the Geosciences Library and that the schedule be posted in the library so that faculty and graduate students will know when professional reference service will be available.

Messenger service to retrieve books from other libraries was ranked 1 by only 1 person. Lack of interest in this service is surprising because 45% of the faculty respondents and 23% of the student respondents reported using libraries other than Geosciences at least once per week

during the second semester (see Tables 4 and 5). The libraries circulation survey; which was conducted during February, March, and April 1975; indicated that 34% of the library loans made to Geosciences faculty and graduate students were made by libraries other than Geosciences. The engineering libraries provided 13% of loans to Geosciences faculty and graduate students (see Table 8).

Ten faculty members and seven graduate student respondents ranked the provision of a new Geosciences Library facility as the most important service preference. Written comments on questionnaires and discussions with Geosciences Library Committee members indicated that the primary problem in the facility is crowding. Lack of open space coupled with crowded, heavily loaded shelves results in a cramped atmosphere which is not conducive to relaxed use. With building costs of approximately $100 per square foot, a new Geosciences Library appears unlikely and may not be justifiable in relation to other university needs. The Geosciences Library Committee and the Libraries and Audio-Visual Center should explore alternatives to a new facility. In addition, the book collection should be examined to determine materials which are little used or unused. These materials should be transferred to the Geosciences Annex for storage. This transfer should result in a substantial increase in shelf space.

Faculty and students indicated an increase in journal titles among their first five service preferences. Geosciences journal and book collections are discussed in the section--Current Library Services, p. 9.

Current Library Usage

Respondents to the survey, as expected, use the library frequently. Faculty respondents all reported using the libraries during the semester

Table 4

Geosciences Library Survey
Library Usage Second Semester
Faculty

Question	2 Times Per Week or More	Once Per Week	Once Per Month	Once Per Semester	Not At All
27. How often have you used the Geosciences library this semester?	14	4	2	0	0
28. How often have you asked the library staff for help this semester?	0	8	10	2	0
29. How often have you used Purdue Libraries other than Geosciences this semester?	1	8	7	3	1
30. How often have you requested materials through interlibrary loan this semester?	0	0	5	6	9

Table 5

Geosciences Library Survey
Library Usage Second Semester
Graduate Students

Question	2 Times Per Week or More	Once Per Week	Once Per Month	Once Per Semester	Not At All
27. How often have you used the Geosciences library this semester?	18	3	1	0	0
28. How often have you asked the library staff for help this semester?	3	9	7	2	1
29. How often have you used Purdue Libraries other than Geosciences this semester?	2	3	13	3	1
30. How often have you requested materials through interlibrary loan this semester?	2	0	4	7	9

with 90% claiming to have used the Geosciences Library at least once per week and 45% reporting usage of libraries other than Geosciences at least once per week (see Tables 4 and 5). Graduate students' usage of Geosciences Library was more frequent than usage of other libraries with 95% reporting usage of Geosciences Library at least once per week and 23% reporting usage of other libraries at least once per week.

Current Library Services

Generally, respondents were satisfied with most current library services. Opinions about the quality of the Geosciences' book and journal collections were ambivalent. The quality of the collection in the Geosciences Library was ranked unsatisfactory for graduate instruction by 50% of the faculty respondents (see Table 6) and 64% of graduate student respondents (see Table 7). Dissatisfaction with the collection for research purposes was indicated by 70% of faculty respondents and 64% of graduate student respondents. However, when respondents were asked about the quality of the book collection in the Geosciences Library in general, 50% of the faculty ranked it satisfactory and 30% were indifferent (see Table 6). Graduate students were more consistent with 27% indicating satisfaction and 41% showing indifference (see Table 7). Results were similar with regard to the quality, in general, of the journal collection in the Geosciences Library. Faculty response was 55% satisfied, 15% indifferent and 30% dissatisfied. Graduate student response to the journal question was 23% satisfied, 32% indifferent, and 45% dissatisfied.

It is interesting to note that the faculty and student needs are being met by the Purdue Libraries and Audio-Visual Center as indicated by: 1) the circulation study conducted by the Research Development Unit, 2) the journal readership section of the questionnaire, and 3) interlibrary

Table 6

Geosciences Library Survey
Current Library Service
Faculty

question	highly dissat-isfied	dissat-isfied	indif-ferent	satis-fied	highly satis-fied	mean
4. Quality of Geosciences collection for undergraduate instruction in your field	1	5	2	11	1	3.30
5. Quality of Geosciences collection for graduate instruction in your field	2	8	2	7	0	2.73
6. Quality of Geosciences collection for research in your field	5	9	0	5	1	2.40
7. Book collection in Geosciences library in general	1	3	6	10	0	3.25
8. Journal collection in Geosciences library in general	3	3	3	11	0	3.10
9. Book collection in other Purdue libraries	0	5	2	12	1	3.45
10. Journal collection in other Purdue libraries	1	4	2	11	2	3.45
11. Usefulness of abstracts & indexes in Geosciences library	1	2	8	7	2	3.35
12. Physical setup of Geosciences library	6	5	5	3	0	2.26
13. Knowledge of new books & journals in Purdue libraries other than Geosciences	2	5	8	5	0	2.80
14. Knowledge of new books & journals in Geosciences library	1	1	3	14	1	3.65
15. Availability of books & journals from Purdue libraries other than Geosciences	1	5	2	12	0	3.25
16. Usefulness of information in Geosciences card catalog	0	1	5	14	0	3.70
17. Usefulness of main Union card catalog in General library	0	0	9	11	0	3.55
18. Convenience of inter-library loan service	1	2	5	10	2	3.50
19. Communications between library staff & library users	1	2	5	9	3	3.55
20. Assistance provided by library staff in Geosciences library	0	2	3	10	4	3.84
21. One week check out of journals	1	2	2	14	1	3.60

Table 7

Geosciences Library Survey
Current Library Service
Students

question	highly dissat-isfied	dissat-isfied	indif-ferent	satis-fied	highly satis-fied	mean
4. Quality of Geosciences collection for under-graduate instruction in your field	1	5	4	11	1	3.27
5. Quality of Geosciences collection for graduate instruction in your field	1	13	2	6	0	2.59
6. Quality of Geosciences collection for research in your field	4	10	5	3	0	2.31
7. Book collection in Geosciences library in general	1	5	9	6	0	2.95
8. Journal collection in Geosciences library in general	0	10	7	4	1	2.95
9. Book collection in other Purdue libraries	0	4	7	9	1	3.33
10. Journal collection in other Purdue libraries	0	0	13	7	1	3.42
11. Usefulness of abstracts & indexes in Geosciences library	0	3	5	12	2	3.59
12. Physical setup of Geo-sciences library	4	7	6	5	0	2.54
13. Knowledge of new books & journals in Purdue libraries other than Geosciences	2	11	5	2	1	2.47
14. Knowledge of new books & journals in Geosciences library	0	2	2	14	3	4.28
15. Availability of books & journals from Purdue libraries other than Geosciences	2	2	10	7	0	2.90
16. Usefulness of informa-tion in Geosciences card catalog	0	3	7	12	0	3.22
17. Usefulness of main Union card catalog in General library	0	0	12	9	0	3.42
18. Convenience of inter-library loan service	1	3	7	8	1	3.25
19. Communications between library staff & library users	0	2	6	12	2	3.63
20. Assistance provided by library staff in Geo-sciences library	1	0	3	12	6	4.00
21. One week check out of journals	1	0	8	12	0	3.47

loan statistics. The circulation study showed 87% of loans to Geosciences faculty and 55% of loans to Geosciences graduate students were from the Geosciences Library (see Tables 8 and 9). Only 13% of the library system loans to Geosciences faculty were made from libraries other than Geosciences. Availability of books and journals from libraries other than Geosciences was ranked at least satisfactory by 60% of the faculty respondents and 32% of the graduate students. In addition, 45% of the graduate students were indifferent about the availability of materials from other libraries.

An important measure of the quality of any library collection is its ability to meet the regular and recurring needs of its users. Geosciences researchers generally rely on journals, serial publications, and state and U. S. government publications to satisfy their information and current awareness needs. In order to measure the quality of the geosciences journal collection in the Purdue Libraries and its ability to meet recurring needs, respondents were asked to list journals which they read or scan regularly and their source for obtaining the journal, i.e., subscribe, borrow from a Purdue library, or borrow elsewhere (see Tables 10.1-10.8 and 11.1-11.3). Answers were not complete in every case. For example, a respondent listed a journal and its source but did not indicate whether the journal was read or scanned. Respondents named 123 Geosciences and related journal titles and 30 general reading titles. These titles were checked with the Purdue Serials Master list to determine whether they are available on the Purdue West Lafayette campus. This check indicated that 112 of the 123 Geosciences and related journal titles are available on the West Lafayette campus. The Geosciences collection includes 83 named Geosciences titles. Only 11 Geosciences titles are not available on the West Lafayette campus.

Table 8

Geosciences Library Survey
Library Usage by Geoscience
Faculty and Students

Library	Number of Borrowings*				
	Faculty	Graduate Students	Under-graduate	Other	Total
Aero-Industrial Engineering	1	9	8	0	18
Biochemistry	0	0	1	0	1
Chemistry & Materials Science	0	14	2	1	17
Chemistry	1	13	4	0	18
Civil Engineering	0	51	18	1	70
Electrical Engineering	4	8	3	0	15
Forestry-Horticulture	0	3	1	0	4
General	13	70	98	26	207
Geosciences	209	240	139	310[a]	898
Home Economics	0	1	2	0	3
Krannert	0	3	4	0	7
Life Science	0	3	30	0	33
Mathematical Sciences	10	8	3	0	21
Mechanical Engineering	1	1	2	0	4
Pharmacy	0	0	1	0	1
Physics	1	16	11	1	29
Veterinary Medicine	0	0	1	0	1
Psychology	0	0	4	0	4
Totals	240	440	332	339	1351

*Source: Research Development Unit Survey of Library Circulation, February 1 through April 30, 1975.

[a]All Purdue staff

Table 9

Geosciences Library Survey
Usage of Geosciences Library
By Purdue Students and Faculty

Department	Number of Borrowings*				
	Faculty	Graduate Students	Under-graduate	Other	Total
Agriculture, General	0	0	7	0	7
Agricultural Economics	1	0	0	0	1
Agronomy	1	8	5	1	15
Animal Sciences	0	0	5	0	5
Entomology	0	1	7	0	8
Forestry	5	0	16	4	25
Horticulture	0	0	6	1	7
Engineering Administration	5	0	0	0	5
Aeronautical Engineering	1	3	1	0	5
Chemical Engineering	1	2	2	0	5
Civil Engineering	8	30	4	6	48
Electrical Engineering	0	2	3	3	8
Freshman Engineering	0	0	19	0	19
Industrial Engineering	0	6	3	0	9
Mechanical Engineering	2	11	1	0	14
Materials Engineering	0	2	3	0	5
Nuclear Engineering	0	3	1	0	4
TPRC	6	0	0	2	8
Interdisciplinary Engineering	0	0	1	0	1
Industrial Management	0	0	20	0	20
Pharmacy	0	0	8	0	8
Industrial & Physical Pharmacy	0	2	0	0	2
HSSE Administration	0	0	1	0	1
Creative Arts	0	0	9	0	9
Education	0	2	1	0	3
English	0	0	2	0	2
Political Science	2	0	0	0	2
Psychology	2	0	4	0	6
Sociology	0	4	1	0	5
Science Administration	0	0	27	0	27
Biological Sciences	4	1	22	5	32
Chemistry	0	1	8	1	10
Math	0	1	66	0	67
Physics	0	7	2	5	14
Geoscience	209	240	139	310[a]	898
Computer Science	0	0	25	0	25
Statistics	2	0	0	0	2
Electrical Technology	0	0	5	0	5
Industrial Education	0	0	2	0	2
Library Administration	1	0	0	2	3
Other	0	6	0	62	68
Total	250	332	425	402	1409
% Geoscience	83.6	72.3	32.7	77.1	63.7

*Source: Research Development Unit Survey of Library Circulation, February 1 through April 30, 1975.

[a]Purdue staff

Table 10.1

Geosciences Library Survey
Journals Read by Geosciences Faculty & Students

Purdue Location

Journal No.	Journal Title	Purdue Location	Library Call No.
1	American Association of Petroleum Engineers Bulletin	GEOS	665.5 AM268
2	American Meteorological Society Bulletin	GEOS, LIFE	551.5 AM3
3	American Mineralogist	GEOS, GENL, LIFE	549.05 AM3
4	American Society for Testing and Materials Standardization News	GENL, CHEM, F-H, CE	620.004 AM35
5	American Society of Civil Engineers Geotech. Engr. Divn Journal	CE	624.1 AM35
6	American Society of Civil Engineers Waterways & Coastal Engrs. Divn. Journal	CE	620.5 AM35W
7	Applied Mechanics Reviews	GENL, ME, CE, AAES, MATH	621.05 AP5
8	Association of American Geographers Annals	GEOS	910.5 AS7A
9	Association of Engineering Geologists Bulletin	GEOS	553.05 AS78
10	Assn. Lunar & Planetary Observers Pubns.	NOT AT PURDUE	
11	Astronomical Journal	AAES, MATH	520.6 AM3
12	Astronomical Society of the Pacific Publication	GEOS, PHYS	520.6 As8p
13	Astronomy	NOT AT PURDUE	
14	Astrophysical Journal	AAES, MATH, PHYS	530.5 AS8
15	Atmospheric Environment	PHAR, GEOS	614.7105 AT66
16	Biuletyn Peryglacjalny	GEOS	551.05 B55
17	Boundary Layer Meteorology	GEOS	551.505 B665
18	California Geology	GEOS	557.91 C12M
19	Canadian Journal of Earth Science	GEOS, CE	550.5 C16
20	Canadian Mineralogist	GEOS	549.05 C16
21	Canadian Society fo Explor. Geophysicists Journal	GEOS	551.05 C16J

Table 10.2

Geosciences Library Survey
Journals Read by Geosciences Faculty & Students

Purdue Location

Journal No.	Journal Title	Purdue Location	Library Call No.
22	Chemical Abstracts	PHAR, CHEM, HE, VETM, PHYS, LIFE, BIOC, CMET	540.5 C38
23	Chemical and Engineering News	CHEM, PHAR, BIOC, CMET, LIFE	660.5 In2n
24	Chemical Geology	GEOS	551.905 C42
25	Chemical Week	CMET, CHEM, HE, PHAR	660.5 C42
26	Estuarine & Coastal Marine Science Journal	GEOS	551.4609 Es86
27	Coastal Engineering	NOT AT PURDUE	
28	Coastal Zone Management	NOT AT PURDUE	
29	Contributions to Mineralogy & Petrology	GEOS	549.05 C768
30	Deep Sea Research & Oceanographic Abstracts	AAES	551.4605 D36
31	EOS	NOT AT PURDUE	
32	Earth & Planetary Interiors	PHYS, GEOS	551.05 P569
33	Earth & Planetary Science Letters	GEOS	550.5 EA76
34	Earthquake Notes	NOT AT PURDUE	
35	Economic Geology	GEOS	550.5 EC7
36	Engineering & Mining Journal	CE	620.5 En33
37	Engineering Geology	GEOS	551.805 EN34
38	Engineering Newsrecord	GENL, CE, F-H, AGEN	620.5 En37
39	Fortschritte der Mineralogie	GEOS	549 F77
40	Geochemistry International	GEOS	551.905 G29
41	Geochimica et Cosmochimica Acta	GEOS, LIFE, CHEM	551.05 G288
42	Geoexploration	GEOS	622.1505 G29
43	Geographic Analysis	GEOS	910.001 G292

Table 10.3

Geosciences Library Survey
Journals Read by Geosciences Faculty & Students

Purdue Location

Journal No.	Journal Title	Purdue Location	Library Call No.
44	Geography Review	GEOS	910.5 G287
45	Geological Society of America Bulletin	GEOS	550.6 G29
46	Geological Society of Finland Journal	NOT AT PURDUE	
47	Geology Magazine	GEOS	550.5 J293
48	Geophysical Journal	GEOS	551.06 R81
49	Geophysical Prospects	GEOS	622.05 G29
50	Geophysical Research Letters	NOT AT PURDUE	
51	Geophysics	GEOS	551.05 G294
52	Geophysics of Fluid Dynamics	GEOS	551.05 G293
53	Geoscience Canada	GEOS	557.05 G293
54	Geosecnics	GEOS, CE	550.5 G29E
55	Geothermics	GEOS	551.12 G299
56	Geotimes	GEOS	550.5 G298
57	Gold Bulletin	CMET	669.2205 G563
58	Instruments & Control Systems	CHEM, ME, EE, AAES, CMET, F-H	550.5 In7
59	International Geological Review	LIFE, GEOS	550.5 In8
60	Journal of Applied Meteorology	GEOS, LIFE	551.505 J825
61	Journal of Atmospheric & Terrestrial Physics	GEOS, AAES	530.5 J8205
62	Journal of Fluid Mechanics	AAES, ME, NUCL, GEOS, CMET, MATH	532.5 J82
63	Journal of Geological Education	GEOS	550.6 J82
64	Journal of Geology	GEOS	550.5 J82
65	Journal of Geophysical Research	GEOS, LIFE, AAES	538.705 T27

Table 10.4

Geosciences Library Survey
Journals Read by Geosciences Faculty & Students

Purdue Location

Journal No.	Journal Title	Purdue Location	Library Call No.
66	Journal of Glaciology	GEOS	551.3105 J82
67	Journal of Hydrology	CE,LIFE	551.9905 J826
68	Journal of Marine Research	GEOS	551.46005 J825
69	Journal of Petrology	GEOS	552.05 J818
70	Journal of Physical Oceanography	GEOS	551.56005 J826
71	Journal of Sedimentary Petrology	GEOS	552 J82
72	Journal of the Atmospheric Sciences	GEOS,AAES, LIFE	551.5 AM3J
73	Lithos	GEOS	549.05 L713
74	Marine Technical Society Journal	NOT AT PURDUE	
75	Mercury	GEOS	520.5 M539
76	Meteoritics	GEOS	523.5105 M5651
77	Meteorological Society of Japan Journal	GEOS	551.505 N578
78	Minteralogical Abstracts	GEOS	549.05 M66A
79	Mineralogical Magazine	GEOS	549.05 M661
80	Mineralogical Record	GEOS	549.05 M663
81	Mineralium Deposita	GEOS	549.05 M662
82	Mining Engineering	CMET	622.05 M665
83	Monthly Weather Review	GEOS,LIFE	551.5 UN3M
84	Neues Jabrbuch für Mineralogie	GEOS	549.05 N396
85	Newsletter on Stratigraphy	GEOS	551.7005 N477
86	Norsk Geol. Tidsskrift	NOT AT PURDUE	
87	Ocean Industry	ME	627.7005 OC287

Table 10.5

Geosciences Library Survey
Journals Read by Geosciences Faculty & Students

Purdue Location

Journal No.	Journal Title	Purdue Location	Library Call No.
88	Oceanology International	NOT AT PURDUE	
89	Oceans	VETM, GENL	556.46005 OC21
90	Oil & Gas Journal	CMET, KRAN	621.405 015
91	Optical Spectra	PHYS, CHEM	535.05 OP71
92	Paleontology	GEOS	550.6 P17
93	Photographic Applications	A-V	778.305 P566
94	Photographic Science & Engineering	GENL	770.5 So1
95	Physics of Earth & Planetary Interiors	PHYS, GEOS	551.05 P569
96	Physics of Fluids	AAES, EE, NUCL, MATH	532.5 P56
97	Physics Today	GENL, PHYS, ME CHEM, AAES	530.5 P5642
98	Precambrian Research	GEOS	550.5 G298
99	Pure and Applied Geophysics	GEOS	551.05 G29
100	Remote Sensing of the Environment	EE, GEOS	551.505 R288
101	Earth Science Reviews	GEOS, CE	550.5 EA77
102	Reviews of Engineering Geology	GEOS	550.5 R325
103	Reviews of Geophysics & Space Physics	GEOS, AAES	551.05 R325
104	Rock Mechanics	GEOS	550.5 R591
105	Rock Products	GEOS, CE, GENL	691.05 R59
106	Royal Meteorological Society Quarterly Journal	GEOS	551.5 R81
107	Sedimentary Geology	GEOS	551.30305 Se27
108	Sedimentology	GEOS	551.305 Se28

Table 10.6

Geosciences Library Survey
Journals Read by Geosciences Faculty & Students

Purdue Location

Journal No.	Journal Title	Purdue Location	Library Call No.
109	Seismological Society of America Journal	AAES, GEOS	551.22 Se48
110	Skillings' Mining Review	GEOS	662.05 Sk33
111	Sky & Telescope	GENL, ME, AAES, PHYS	520.5 Sk9A
112	Smithsonian	LIFE, CE, GENL	505 Sm69
113	Soil Science Proceedings	LIFE, CE	631.06 So3
114	Southeastern Geology	GEOS	550.5 So88
115	Tectnophysics	GEOS	551.805 T227
116	Tellus	GEOS	551.05 T23
117	United States Geological Service Bulletin	GEOS	557.3 Un31B
118	Water Resources Research	KRAN, AGEN, CE, LIFE	628.1 W291
119	Water Well Journal	GEOS	628.1105 W291
120	Weather	GEOS, LIFE	551.5 W37
121	Weatherwise	GEOS, LIFE	551.5 W373
122	Zeitschrift fur Angewandte Mathematik und Mechanik	MATH, AAES, ME, PHYS	510.5 Ze3
123	Zeitschrift fur Geomorphologie	GEOS	551.4 Ze37
	Other Journals		
124	AAUP Bulletin	GENL	378.06 AM3B
125	American Journal of Science	GECS	505 AM3
126	American Scientist	GENL, PHYS, LIFE, KRAN, CHEM, AAES, CE	371.85 S18
127	Chronicle of Higher Education	GENL, KRAN	378.005 C468
128	Consumer Reports	GENL, HE, LIFE, KRAN	647.1 C758R

Geosciences Library Survey
Journals Read by Geosciences Faculty & Students

Purdue Location

Journal No.	Journal Title	Purdue Location	Library Call No.
129	Electronics World	GENL, ME, AV-TECH, A-V	621.38405 R112
130	Glamour	HE	646.05 G458
131	Harper's	GENL	051 H23
132	Instructor	GENL, ED HE	370.5 In7
133	Journal of College Science Teaching	PHYS	507 J826
134	Money	NOT AT PURDUE	
135	National Geographic	GEOS, ED, LIFE	910.5 N21
136	Nature	PHYS, CHEM, BIOC, AAES, LIFE, F-H, EE, VETM, PHAR	505 N21
137	New Scientist	PHYS, EE, VETM, GENL, AAES, BIOC	505 N417
138	New Yorker	GENL	051 N482
139	Newsweek	POSCI, GENL, LIFE	051 N472
140	Prevention Magazine	NOT AT PURDUE	
141	Psychology Today	KRAN, SOC, GENL, PSYCH	150.5 P96
142	Res. in Science Teaching	NOT AT PURDUE	
143	School Science & Math	GENL, PHYS	370.5 Sch63
144	Science	GENL, PHYS, PHAR, CHEM, BIOC, LIFE, VETM, F-H, EE, AAES, KRAN, PSYC, GEOS, POSC	505 Sci21
145	Science & Children	GENL, ED	375.5 Sci25
146	Science News	GENL, LIFE, ME, VETM	505 Sci22
147	Science Teacher	GENL, ED	370.5 Sci12

Table 10.8

Geosciences Library Survey
Journals Read by Geosciences Faculty & Students

Purdue Location

Journal No.	Journal Title	Purdue Location	Library Call No.
148	Scientific American	GENL, LIFE, CHEM, PHYS, VETM, IE, AAES, EE, ME, F-H, BIOC	620.5 Sc2
149	Sports Illustrated	GENL, PEW	796.05 Sp6
150	Teacher	NOT AT PURDUE	
151	Time	GENL, LIFE, VETM, POSC	051 T48
152	U. S. News & World Reports	GENL, KRAN, VETM	051 Un28
153	Wall Street Journal	GENL, KRAN, ME	332.05 W15

Table 11.1

Geosciences Library Survey
Journals Read by Geosciences Faculty & Students

Journal Number*	Faculty					Students				
	Read Regularly	Scan Regularly	Subscribe	Borrow Purdue	Borrow Elsewhere	Read Regularly	Scan Regularly	Subscribe	Borrow Purdue	Borrow Elsewhere
1		1	2				2	1	1	
2	4	1	5			1	2	3	1	
3	1	1	1	1		2	1	3	1	
4		1	1							
5		1	1							
6		3	1	1		1			1	
7		1		1						
8	1		2				1		1	
9	1		1				1		1	
10						1		1		
11		1		1						
12						1		1		
13	1		1							
14		1		1						
15		1					1		1	
16		1		1						
17		1		1						
18		1	1					1		
19		2		2			1		1	
20		1		1		1		1		
21		1		1						
22		1		1						
23								1		
24	2		1	1			1		1	1
25							1			1
26	1									
27	1					1				1
28	1		1							
29	2			2		1			1	
30		1		1						
31	2	1	3							
32						1			1	
33										
34	1		1							
35	1		1	1		1	3	1	3	
36							1			1
37	1	1	1	1			1			
38		1	1							
39		1		1			1		1	
40		1		1						
41	2		3			1		1	1	1
42		1		1						
43		2		1						
44		2		1						
45	3	3	4	3			8	2	8	
46	1		1							
47	1		1							
48	1	1		2						
49		1		1						
50	1	2	3							
51	2		2			1	1	1	1	
52							1		1	
53		1	1				1		1	
54										
55		1		1						

*See Table 10.1-10.8 for Journal titles

Table 11.2

Geosciences Library Survey
Journals Read by Geosciences Faculty & Students

Journal Number*	Faculty					Students				
	Read Regularly	Scan Regularly	Subscribe	Borrow Purdue	Borrow Elsewhere	Read Regularly	Scan Regularly	Subscribe	Borrow Purdue	Borrow Elsewhere
56	2	3	3	3		2	3	1	4	
57	1		1							
58		1	1							
59		1		1						
60	3	4	3	1			2	2	1	
61		2								
62		2		2			1		1	
63	2	1	2	1						
64	2	3	2	5	1		2		3	
65	6		5	2		1	2	1	4	
66		1								
67							1			1
68		1		1						
69	1	1		2		1			1	
70	1	1	1							
71		2	2	1			2	1	1	
72	4	1	5				2	3		
73		2		2			2		2	
74	1		1			1				1
75	1		1							
76	1		2				1		1	
77	1	1	1	1						
78						1		1		
79										
80		1		1		1		1		
81	1		1			1			1	
82						1		1		
83	2	1	3				2	1	2	
84	1			1			1		1	
85		1		1						
86	1		1							
87	1		1							
88	1		1							
89	1		1							
90		1	2			1	1		2	
91		1	1							
92				1			1		1	
93							1			
94	1		1							
95							1		1	
96		1		1						
97										
98	1		1							
98		1		1						
99		1		1						
100		1								
101		1		1						
102							1			
103	2	2	2	2						
104		1		1						
105		1		1						
106		4		4						
107		2		2						
108		2		2						
109	1		1				1		1	
110							1		1	

*See Tables 10.1-10.8 for Journal titles

Table 11.3

Geosciences Library Survey
Journals Read by Geosciences Faculty & Students

Journal Number*	Faculty					Students				
	Read Regularly	Scan Regularly	Subscribe	Borrow Purdue	Borrow Elsewhere	Read Regularly	Scan Regularly	Subscribe	Borrow Purdue	Borrow Elsewhere
111	1	1	1			1	1	1		1
112	1		1							
113		1		1						
114			1							
115		1		1			1		1	
116		3		3			1		2	
117									1	
118										
119		1	1							
120		2		1			1		1	
121	2	2	2			1		1		
122		1		1						
123		2		1						
124	1		1							
125	1	1		3						
126	1	3	4	2			1	1		
127		1		1						
128	2		2							
129							1		1	
130								1		
131								1		
132			1		1					
133	1		1							
134	1		1							
135	2	1	3				1			
136	2	1		2	1					
137							1		1	
138	1		1							
139	2		1				1	2		
140	1		1							
141						1		1		
142	1		1							
143	1		1							
144	7	5	8	3	1	3	3	3	2	
145	1		1							
146	1		1			2		2		
147	1		1							
148	3	4	4	2		4	4	5	3	1
149								2		
150	1		1							
151	1	1	1		1	1	2	2		
152	1		1			1		2		
153		1	1							

*See Tables 10.1-10.8 for Journal titles

The survey indicated that Geosciences faculty and graduate students perceive the need for more journal titles. This need should be studied in more detail. The Geosciences Library Committee and the Science Librarian should ask the faculty and graduate students to submit lists of desired journal titles. The lists should be reviewed by the library staff to determine availability of titles on the West Lafayette campus. A duplicate copy of each list showing the location and call number of journals at Purdue should be returned to the appropriate individual. The Geosciences Library Committee and the Science Librarian should retain a list of desired journals not available at Purdue so that these journals can be considered for purchase as funds and priorities permit.

The one week check out of journals was considered satisfactory by 75% of the Geosciences faculty and 55% of the graduate students. These data indicate that journals need not be kept in the library for use on demand.

Faculty usage of interlibrary loan service was less than expected given the ambivalence of opinon about the quality of the collection. The survey indicated that 45% of the Geosciences faculty did not use the service during the spring semester and 30% used it once during the semester. It is reasonable to assume that if a collection is not satisfying user demand and if interlibrary loan service is convenient, users will ask to borrow materials from other institutions. The convenience of interlibrary loan service was ranked at least satisfactory by 60% of the faculty respondents and 41% of graduate students. Indifference about the convenience of interlibrary loan service was indicated by 25% of the faculty and 32% of the graduate students. Interinstitutional library services division statistics indicate that 80 pieces of material were

borrowed for Geosciences faculty and students for the period July 1, 1974 through May 31, 1975.

Interlibrary Loans to Geosciences Department
July 1, 1974-May 31, 1975

Item	Number of Loans
Books	16
Serials	28
Theses	4
Copies	32
Total	80

Assuming that faculty and graduate students are the main users of interlibrary loan services, the total of 80 loans is less than 1 per potential user for the academic year. The librarian in charge of interlibrary loan stated that at least 90% of the requests from the Geosciences Department are filled. This rate is not surprising because of the availability of geosciences material from Indiana University and the University of Illinois.

Both faculty and graduate students were satisfied with the communications between library staff and library users and the assistance provided by the staff of the Geosciences Library. While 82% of the graduate students and 75% of the faculty indicated satisfaction with assistance provided by the staff, scheduled reference service by a professional librarian and the addition of a half-time clerk to the staff would improve the quality and timeliness of service.

Interest in Geosciences Library Orientation

In order to determine the need for library orientation, respondents were asked to answer yes or no to the following question: "Would you be willing to attend an orientation session concerning the library and its

operation at the beginning of the academic year?" Faculty response was 14 (70%) yes, 5 (25%) no, and 1 no response. Students responded 18 (82%) yes and 4 (18%) no.

QUESTIONNAIRE COMMENTS

FACULTY

The selection of new books is a major time-consuming library activity, which is presently left entirely to the library committee. This service could be better handled if a person employed full-time by the library were responsible for it

Funds to secure back issues of current journal collection (complete current collection from Vol. 1, No. 1 to present) before adding new titles.

Basically satisfied with journal checkout policy but would prefer no check out if decent Xerox were available. Policy regarding texts should be reviewed. Most texts particularly Introductory books are bulky, take up considerably shelf space, and are infrequently used. Would like to see these materials removed from Geos Library.

Not just more journals, but certain ones: Scientific American (for students), Science, Sky and Telescope (for students), Nature, Astronomy (for students), American Scientist. It would certainly be helpful for students in a class of 50 to have these publications available in the Geoscience Library.

I think they should do away with departmental libraries many of which are marginal at best and instead have an excellent central library. For a major university to have a library system of the quality of Purdue is incredible. There is already extensive duplication between libraries but very often something is still not in the logical library. The government documents which is a really crucial section of the library leaves much to be desired. I think a computerized and centralized library is needed. If the system is to be useful in the future this is essential. There is an information explosion.

Since coming to Purdue, I have not scanned some of these journals for pertinent articles because of general spatial diffusness of the various titles. I have often found very valuable material by perusing diverse journals not normally followed. I could do this because of the unified location of all journals. I don't have time to be running from one library to another but if all titles located one place I can accomplish everything in two afternoons a month.

Primary factor (in quality of collection) is that material [new books, conference proceedings] is 1 to 2 years in reaching library.

Inadequate space almost offsets value of library.

Put journals in order and mark shelves (a mess), speed up acquisition and classification of books, knowledgeable library personnel, background in Geoscience, clean the library shelves and keep them clean, maintain order and discipline in library, follow rules, improved organization and lighting in journal reading room.

Experience from other universities where I have worked has demonstrated the uselessness of central library facilities.

QUESTIONNAIRE COMMENTS

GRADUATE STUDENTS

Would like to see shelf storage expanded so as to eliminate need for warehouse call. Several times there were older references I needed to see and if they had been here!, a great deal of time, trouble, and needless expense would have been saved.

As part of item 1. (expanded Geoscience Library), it would be nice to incorporate the topographic map collection currently housed in the main library. Then the maps would be more readily accessible to those who use them most--geologists and engineers!

Provide copy of past volumes of Geochem Cosmochem Acta dating back as far as possible.

Journals are frequently checked out for too long a time period.

Library is too noisy--due to people and that horrendous door latch.

Journals disappear from recent issue stand much too quickly. More journals on the stand would be desirable especially those of a non-technical nature.

Many state publication series are not cataloged or indexed--some card file evidence of their existence is needed.

Perhaps this (library orientation) could be offered each semester--one's library requirements change from one semester to the next.

Journals are reference material and as such should have no library checkout!!

The policy with reference books is too flexible. Journals are important reference books and in my past experience could not be checked out of the library proper except for the existence of duplicate Volumes.

The use of a library during any one semester does not indicate the need or usefulness of the facilities.

Increase to 100% all state geologic survey material of bordering states and maintain as new material is issued.

Effective 2 weeks before Fall Semester recall ALL books. After finding "long lost" volumes, require standard checkout procedure for faculty as well as students. Books wished for semester use should be kept on reserve in the library with liberalized checkout usage for students in the class. Under no circumstances should faculty tie up a book in their offices!!

Back volumes of important journals need to be purchased. This should supplement new subscriptions.

Service in Geosciences Library has been very good. The service in interlibrary loan field, though efficient, takes a considerable amount of time. Speed in the interlibrary load service is highly needed.

Microfilm reader/printer with charges procedure to utilize research grant.

Warehouse and storage retrieval is very inconvenient, inefficient, and guided by some illogical rules and regulations. For example, why should a request for materials in storage made at the main library be picked up again at the main library only instead of being sent to the departmental library? Why must one wait for several days to obtain something that is on campus? Why is the complete and up-to-date set of U.S.G.S. maps in the main library and so difficult to obtain while geology must purchase duplicates for departmental use? Most older volumes of journals (i.e., before 1960) are quite valuable but very difficult to obtain, even if they are on campus.

Often much too long to receive materials requested on interlibrary load. Finding materials in other libraries often difficult, furthermore location of some materials is totally illogical (i.e., materials that are in other library, such as CE or Physics that is obviously more useful to other disciplines).

We need more journals publishing articles in geomorphology, especially from England, Australia, and Canada. Furthermore many sets of journals which we have are incomplete and should be completed if possible. If series started in 1970 for example, some attempt should be made to obtain earlier volumes.

5/75

Purdue University Libraries and Audio-Visual Center
Research Development Unit

GEOSCIENCES LIBRARY SURVEY

Return to:
Miriam Drake
Research Development Unit
363 Stewart Center

The Geosciences library committee of the Libraries and Audio-Visual Center are studying the provision of library services to Geosciences faculty and students. The purpose of the study is to derive information to be used for long range planning of library services. Our specific objectives are to determine; 1) the types of service most needed, 2) assessment of current service, and 3) relative importance of present and future services. Your replies will be kept confidential and a summary report will be issued. Enclosed is an addressed envelope for the completed questionnaire. Your help is appreciated.

1. PLEASE CHECK FACULTY_____ STUDENT_____

2. Check your major area: General Geology_____ Engineering Geology_____ Geochemistry_____ Geophysics_____
Paleontology_____ Earth Resources_____ Earth Science Teaching_____ Atmospheric Science_____
Marine Science_____ Other (please specify) _____

3. Listed below are 9 library services which could be offered to Geoscience Library Users. Each item has been given a service unit rating based on cost of provision. Please rank these services in order of importance to you. The most important should be ranked 1.

Service	Units	Rank
a. geoscience library open 14 hours per day Monday through Friday and 8 hours Saturday and Sunday during academic year	2	
b. messenger to fetch materials from other libraries during academic year (.25 FTE clerk)	1	
c. maintain a core collection of heavily used materials in Geoscience library with delivery of materials from warehouse within 24 hours	5	
d. professional librarian to provide reference service	4	
e. professional librarian to do literature searching	3	
f. professional librarian to do book selection	3	
g. professional librarian to teach Geosciences literature course 1 hour per week	1	
h. professional librarian to work on research projects	4	
i. provision of GEO-REF - an on-line bibliographic search service covering 3,000 journals, symposia, conference proceedings and major monographs	4	
j. increase annual monograph acquisitions 100%	5	
k. increase annual monograph acquisitions 200%	10	
l. expand Geoscience library into new facility	250	
m. increase annual journal titles 10%	1	
n. increase annual journal titles 20%	2	
o. coin operated copy machine in Geosciences Library	1	
p. other (please specify)	___	
_____	___	
_____	___	
_____	___	
_____	___	

(5)

31. Please list below all journals which you read or scan on a regular basis and indicate whether you subscribe, borrow from Purdue libraries or borrow elsewhere. Please include all journals even though they may be of a general nature.

Journal	Read regularly	Scan regularly	Subscribe	Borrow from Purdue Libraries	Borrow elsewhere
EXAMPLES: Time	✓		✓		
Scientific American		✓		✓	
Paleontology		✓		✓	

ADDITIONAL COMMENTS:

(4)

25. Would you be willing to attend an orientation session concerning the library and its operation at the beginning of the academic year?

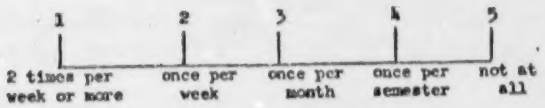
Yes _____ No_____

26. Do you believe that the new central engineering library will provide better service than you are currently receiving?

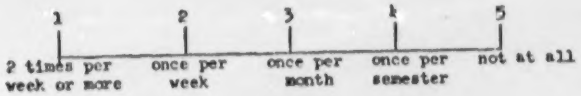
Yes_____ No_____ Don't Know_____

COMMENTS:

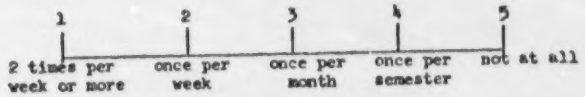
27. How often have you used the Geosciences library this semester?



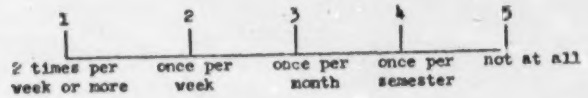
28. How often have you asked the library staff for help this semester?



29. How often have you used Purdue libraries other than Geosciences this semester?



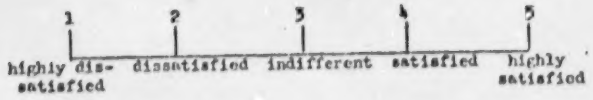
30. How often have you requested materials through Interlibrary loan this semester?



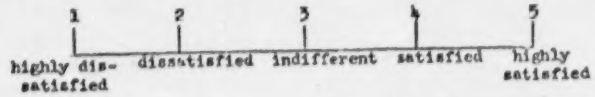
COMMENTS:

(3)

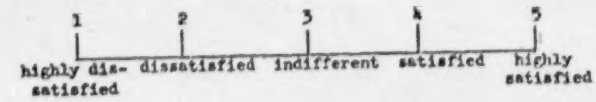
15. Availability of books and journals from Purdue libraries other than Geosciences



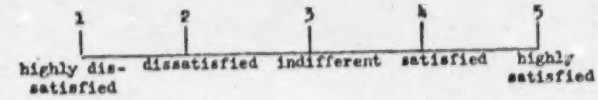
16. Usefulness of information in Geosciences card catalog



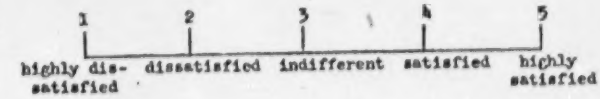
17. Usefulness of main Union card Catalog in General Library



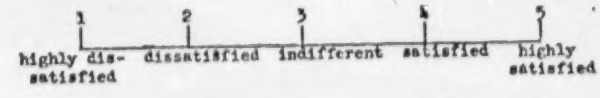
18. Convenience of interlibrary loan service



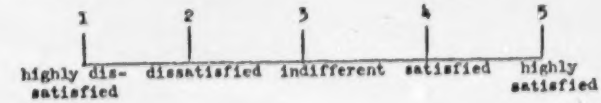
19. Communications between library staff and library users



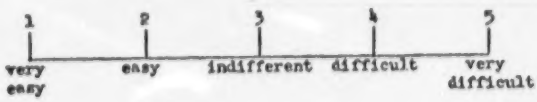
20. Assistance provided by library staff in Geosciences library



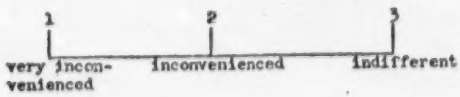
21. One week check out of journals



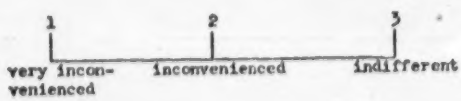
22. Locating materials on the shelves of the Geosciences library is



23. When material I need is checked out of the Geosciences library I am

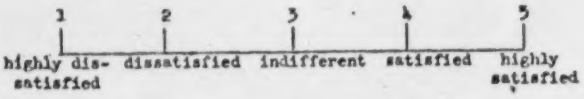


24. When material I need is in storage I am

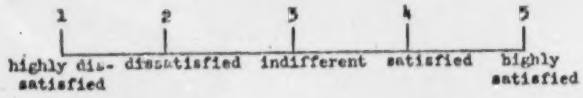


Please indicate your level of satisfaction with the items and services listed below by checking the box that most nearly approximates your opinion. (2)

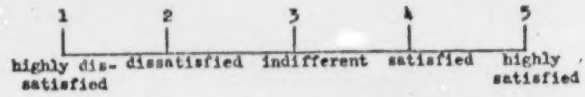
4. Quality of Geoscience collection for undergraduate instruction in your field



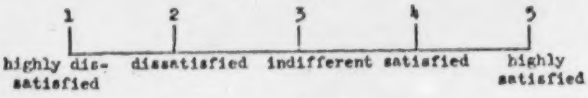
5. Quality of Geosciences collection for graduate instruction in your field



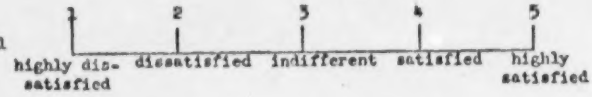
6. Quality of Geosciences collection for research in your field



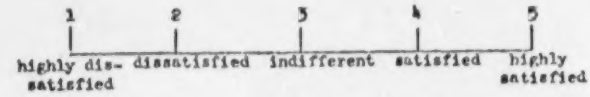
7. Book collection in Geosciences library in general



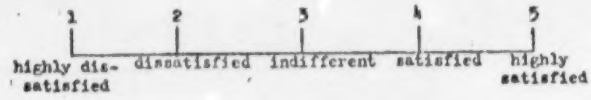
8. Journal collection in Geoscience library in general



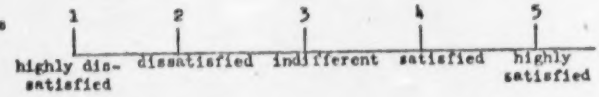
9. Book collection in other Purdue libraries



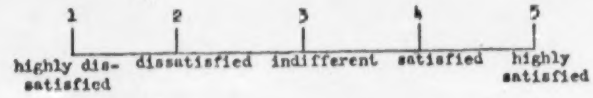
10. Journal collection in other Purdue libraries



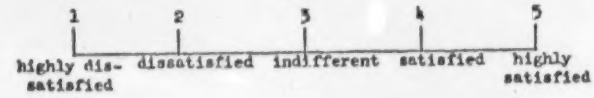
11. Usefulness of abstracts and indexes in Geosciences library



12. Physical set up of Geosciences library



13. Knowledge of new books and journals in Purdue libraries other than Geosciences



14. Knowledge of new books and journals in Geosciences Library